

## Whole Cell Selection Utilizing Azlactone-Functional Supports

### Abstract

A method for cell selection is disclosed. The method uses an  
5 azlactone-functional support, which is derivatized with and covalently coupled to a  
substance that is biologically active with a desired type of whole cell. The method  
allows the whole cells in the mixture to interact with and bind to the coupled  
biologically active substance, after which a remainder of the mixture is removed  
from the support. Optionally, one can elute the bound whole cells from the  
10 coupled biologically active substance to produce a purified collection of the whole  
cells.